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COMMERCIAL APPLES

1978 PRODUCTION BY VARIETIES

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GAINS EXPECTED FOR ALL REGIONS AND MOST VARIETIES

The Nation's 1978 Commercial apple production, as of August 1, is forecast at 7.36 billion pounds (3.34 million metric tons). This is 11 percent above the 1977 total and 14 percent higher than the freeze-damaged 1976 crop. Significant gains are expected in all regions of the country. Based on the August 1 forecast, the Eastern States will be up 8 percent from last season, the Central States will increase by 25 percent, and in the West output will be 7 percent higher than in 1977.

Red Delicious continues its long reign as the leading apple variety, accounting for 36 percent of the total crop. Other leading varieties and their percent of expected 1978 total production are: Golden Delicious, 16 percent; McIntosh, 10 percent; Rome Beauty, 8 percent; Jonathan, 5 percent; and York Imperial, 4 percent. Together, these six varieties will comprise 79 percent of the 1978 U S commercial crop.

Production increases are expected for all the major varieties except Golden Delicious. The largest gains from 1977 are in store for R. I. Greening (up 29 percent), Rome Beauty (22 percent higher), Stayman (up 19 percent), and Red Delicious and Gravenstein (both 17 percent higher). In addition to the slight reduction in Golden Delicious, declines are also forecast for Yellow Newtown (off 19 percent), Northern Spy (down 4 percent), and Winesap (off slightly).

TOTAL PRODUCTION BY VARIETIES

VARIETY	POUNDS			42-POUND EQUIVALENTS		
	1976	1977	1978	1976	1977	1978
	MILLION UNITS			1,000 UNITS		
CORTLAND	124.5	143.9	155.2	2,966	3,426	3,695
DELICIOUS	2,460.3	2,280.9	2,660.1	58,580	54,306	63,333
GOLDEN DELICIOUS	1,168.8	1,189.5	1,185.9	27,831	28,321	28,234
GRAVENSTEIN	91.1	90.0	105.0	2,167	2,143	2,500
JONATHAN	304.6	357.0	380.3	7,250	8,502	9,055
MCINTOSH	543.3	687.2	727.8	12,936	16,362	17,329
NORTHERN SPY	80.0	104.8	100.9	1,905	2,494	2,402
R. I. GREENING	95.0	121.0	156.0	2,262	2,881	3,715
ROME BEAUTY	482.4	464.8	567.8	11,485	11,069	13,517
STAYMAN	171.1	199.1	237.9	4,076	4,742	5,666
WINESAP	157.5	147.2	146.9	3,751	3,503	3,498
YELLOW NEWTOWN	154.0	152.0	123.0	3,667	3,619	2,929
YORK IMPERIAL	193.3	260.3	299.3	4,603	6,198	7,126
OTHER VARIETIES	453.4	457.9	509.9	10,797	10,899	12,141
TOTAL 1/	6,479.2	6,655.6	7,356.0	154,269	158,467	175,141

1/ FOR 42-POUND EQUIVALENTS MAY NOT ADD TO TOTAL DUE TO ROUNDING OF INDIVIDUAL VARIETIES.

CROP AND STATE		PRODUCTION					
		POUNDS			42 LB. EQUIVALENT		
		TOTAL	2/	INDICATED	TOTAL	INDICATED	
		1976	1977	1978	1976	1977	1978
		MILLION UNITS			1,000 UNITS		
ALL COMMERCIAL APPLES							
ARK	3/	11.0	24.0	14.0	262	571	333
CALIF		480.0	480.0	500.0	11,429	11,429	11,905
COLO		74.0	75.0	50.0	1,762	1,786	1,190
CONN		33.0	46.0	47.0	786	1,095	1,119
DEL	3/	13.0	13.5	14.5	310	321	345
GA	3/	22.0	22.0	24.0	524	524	571
IDAHO		125.0	85.0	125.0	2,976	2,024	2,976
ILL		86.0	108.0	93.0	2,048	2,571	2,214
IND		25.0	52.0	60.0	595	1,238	1,429
IOWA	3/	6.0	10.7	10.5	143	255	250
KANS	3/	11.4	16.0	13.5	271	381	321
KY	3/	14.0	22.0	15.0	333	524	357
MAINE		75.0	92.0	78.0	1,786	2,190	1,857
MD		63.0	70.0	77.0	1,500	1,667	1,833
MASS		95.0	95.0	101.0	2,262	2,262	2,405
MICH		480.0	570.0	770.0	11,429	13,571	18,333
MINN	3/	23.5	19.9	25.0	560	474	595
MO		50.0	58.0	47.0	1,190	1,381	1,119
N H		57.0	58.0	59.0	1,357	1,381	1,405
N J		90.0	130.0	90.0	2,143	3,095	2,143
N MEX	3/	30.0	31.0	33.0	714	738	786
N Y		820.0	900.0	1,000.0	19,524	21,429	23,810
N C		265.0	270.0	295.0	6,310	6,429	7,024
OHIO		105.0	65.0	145.0	2,500	1,548	3,452
OREG		170.0	147.0	150.0	4,048	3,500	3,571
PA		360.0	460.0	400.0	8,571	10,952	9,524
R I		5.3	5.5	6.0	126	131	143
S C	3/	23.0	25.0	19.0	548	595	452
TENN	3/	8.0	10.0	7.5	190	238	179
UTAH	3/	40.0	47.0	35.0	952	1,119	833
VT		47.0	47.0	48.0	1,119	1,119	1,143
VA		212.0	290.0	450.0	5,048	6,905	10,714
WASH		2,308.0	2,060.0	2,250.0	54,953	49,048	53,572
W VA		200.0	195.0	240.0	4,762	4,643	5,714
WIS		52.0	56.0	64.0	1,238	1,333	1,524
U S		6,479.2	6,655.6	7,356.0	154,269	158,467	175,141

1/ IN ORCHARDS OF 100 OR MORE BEARING AGE TREES.

2/ INCLUDES UNHARVESTED PRODUCTION AND EXCESS CULLAGE

(MILLION POUNDS): UNITED STATES 1976-6.3, 1977-29.6.

3/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

APPLES, COMMERCIAL CROP

CROP AND STATE	TOTAL PRODUCTION BY VARIETIES					
	POUNDS			42 LB. EQUIVALENT		
	1976	1977	1978	1976	1977	1978
	MILLION UNITS			1,000 UNITS		
CORTLAND						
CONN	2.7	4.5	4.5	64	107	107
IND	.3	.6	.7	7	14	17
MAINE	6.5	7.6	6.4	155	181	152
MASS	8.8	8.2	8.9	210	195	212
MICH	10.0	12.0	15.0	238	286	357
MINN	.7	.5	.7	17	12	17
N H	4.7	5.1	5.5	112	121	131
N J	.7	1.6	.6	17	38	14
N Y	71.0	84.0	90.0	1,690	2,000	2,143
OHIO	4.0	2.0	5.0	95	48	119
PA	5.4	7.8	7.5	129	186	179
R I	.2	.2	.2	5	5	5
VT	2.0	2.1	2.2	48	50	52
WIS	7.5	7.7	8.0	179	183	190
U S	124.5	143.9	155.2	2,966	3,426	3,695
DELICIOUS						
ARK	2.1	5.3	3.0	50	126	71
CALIF	125.0	110.0	105.0	2,976	2,619	2,500
COLO	27.7	30.0	8.5	660	714	202
CONN	7.6	9.2	9.2	181	219	219
DEL	3.4	3.8	4.0	81	90	95
GA	10.9	11.3	11.0	260	269	262
IDAH0	66.2	47.7	68.8	1,576	1,136	1,638
ILL	19.0	25.0	23.0	452	595	548
IND	3.9	11.7	16.9	93	279	402
IOWA	1.8	2.4	2.7	43	57	64
KANS	2.7	3.4	3.2	64	81	76
KY	2.9	6.8	4.1	69	162	98
MAINE	9.0	10.0	8.2	214	238	195
MD	14.6	16.0	14.0	348	381	333
MASS	12.1	10.6	11.9	288	252	283
MICH	81.0	74.0	140.0	1,929	1,762	3,333
MINN	5.2	4.7	4.7	124	112	112
MO	16.8	18.8	18.3	400	448	436
N H	7.9	7.0	7.5	188	167	179
N J	22.9	54.2	29.7	545	1,290	707
N MEX	14.1	15.5	15.0	336	369	357
N Y	109.0	86.0	114.0	2,595	2,048	2,714
N C	125.0	141.0	155.0	2,976	3,357	3,690
OHIO	18.0	8.0	30.0	429	190	714
OREG	98.0	77.0	84.0	2,333	1,833	2,000
PA	54.0	72.2	58.0	1,286	1,719	1,381
R I	1.0	1.0	1.0	24	24	24
S C	17.5	19.0	14.2	417	452	338
TENN	2.6	3.1	2.3	62	74	55
UTAH	22.4	27.3	19.9	533	650	474
VT	5.2	4.6	5.3	124	110	126
VA	44.5	72.2	119.3	1,060	1,719	2,840
WASH	1,474.8	1,256.6	1,500.7	35,114	29,919	35,731
W VA	22.0	27.0	36.0	524	643	857
WIS	9.5	8.5	11.7	226	202	279
U S	2,460.3	2,280.9	2,660.1	58,580	54,306	63,333

APPLES, COMMERCIAL CROP.

CROP AND STATE	TOTAL PRODUCTION BY VARIETIES					
	POUNDS			42 LB. EQUIVALENT		
	1976	1977	1978	1976	1977	1978
	MILLION UNITS			1,000 UNITS		
GOLDEN DELICIOUS						
ARK	1.3	4.1	2.5	31	98	60
CALIF	43.0	50.0	72.5	1,024	1,190	1,726
COLO	10.8	10.4	8.0	257	248	190
CONN	1.2	2.0	1.2	29	48	29
DEL	1.9	2.2	2.2	45	52	52
GA	7.0	6.7	8.0	167	160	190
IDAHO	10.0	7.2	9.3	238	171	221
ILL	28.0	35.0	32.0	667	833	762
IND	5.4	9.6	10.0	129	229	238
IOWA	1.0	1.7	1.6	24	40	38
KANS	2.5	3.1	2.8	60	74	67
KY	3.4	5.3	3.4	81	126	81
MAINE	4.4	5.5	4.4	105	131	105
MD	13.2	12.0	12.0	314	286	286
MASS	2.3	1.5	1.4	55	36	33
MICH	29.0	35.0	50.0	690	833	1,190
MINN	.7	.4	.7	17	10	17
MO	8.5	9.3	8.6	202	221	205
N H	.6	.6	.6	14	14	14
N J	7.7	7.5	6.8	183	179	162
N MEX	4.5	3.5	4.0	107	83	95
N Y	54.0	50.0	50.0	1,286	1,190	1,190
N C	50.0	54.0	55.0	1,190	1,286	1,310
OHIO	16.0	15.0	19.0	381	357	452
OREG	23.5	20.0	21.0	560	476	500
PA	81.0	91.1	79.0	1,929	2,169	1,881
S C	3.7	4.3	3.1	88	102	74
TENN	2.4	3.0	2.3	57	71	55
UTAH	2.8	4.6	2.8	67	110	67
VT	.7	.4	.7	17	10	17
VA	59.4	71.6	87.8	1,414	1,705	2,090
WASH	643.9	624.2	576.0	15,331	14,862	13,714
W VA	43.0	37.0	45.0	1,024	881	1,071
WIS	2.0	1.7	2.2	48	40	52
U S	1,168.8	1,189.5	1,185.9	27,831	28,321	28,234
GRAVENSTEIN						
CALIF	91.0	90.0	105.0	2,167	2,143	2,500
JONATHAN						
ARK	5.3	10.3	6.0	126	245	143
CALIF	24.0	20.0	30.0	571	476	714
COLO	16.5	18.8	17.0	393	448	405
IDAHO	11.9	7.2	11.9	283	171	283
ILL	25.0	32.0	24.0	595	762	571
IND	6.1	10.9	9.8	145	260	233
IOWA	2.4	5.5	4.8	57	131	114
KANS	2.6	5.0	3.7	62	119	88
KY	1.5	2.0	1.5	36	48	36
MD	1.9	2.5	3.0	45	60	71
MICH	125.0	151.0	180.0	2,976	3,595	4,286
MINN	1.8	1.2	1.6	43	29	38
MO	19.5	25.9	16.2	464	617	386
N MEX	1.8	2.0	2.5	43	48	60
OHIO	17.0	13.0	23.0	405	310	548
PA	14.0	16.6	16.0	333	395	381
TENN	.1	.3	.2	2	7	5
UTAH	8.0	7.5	5.9	190	179	140
VA	3.6	3.8	6.7	86	90	160
WASH	11.6	14.4	9.0	276	343	214
W VA	3.0	5.0	5.0	71	119	119
WIS	2.0	2.1	2.5	48	50	60
U S	304.6	357.0	380.3	7,250	8,502	9,055

APPLES, COMMERCIAL CROP

CROP AND STATE	TOTAL PRODUCTION BY VARIETIES					
	POUNDS			42 LB. EQUIVALENT		
	1976	1977	1978	1976	1977	1978
	MILLION UNITS			1,000 UNITS		
MC INTOSH						
CONN	12.6	22.0	23.5	300	524	560
IND	.7	1.5	2.1	17	36	50
IOWA	.1	.2	.2	2	5	5
MAINE	49.6	62.3	52.7	1,181	1,483	1,255
MD	1.1	1.5	2.0	26	36	48
MASS	57.1	61.4	66.7	1,360	1,462	1,588
MICH	79.0	108.0	130.0	1,881	2,571	3,095
MINN	2.7	1.7	2.8	64	40	67
N H	37.6	39.3	40.4	895	936	962
N J	5.0	7.5	5.4	119	179	129
N Y	220.0	300.0	313.0	5,238	7,143	7,452
OHIO	6.5	4.0	8.0	155	95	190
PA	14.4	16.1	17.0	343	383	405
R I	3.5	3.7	4.0	83	88	95
VT	35.4	36.0	36.0	843	857	857
WIS	18.0	22.0	24.0	429	524	571
U S	543.3	687.2	727.8	12,936	16,362	17,329
NORTHERY SPY						
MAINE	1.0	.9	.9	24	21	21
MASS	.9	.7	.8	21	17	19
MICH	55.0	77.0	75.0	1,310	1,833	1,786
N Y	21.0	24.0	22.0	500	571	524
VT	2.1	2.2	2.2	50	52	52
U S	80.0	104.8	100.9	1,905	2,494	2,402
R. I. GREENING						
MICH	7.0	11.0	18.0	167	262	429
N Y	88.0	110.0	138.0	2,095	2,619	3,286
U S	95.0	121.0	156.0	2,262	2,881	3,715
ROME BEAUTY						
CALIF	43.0	45.0	65.0	1,024	1,071	1,548
COLO	14.0	11.7	14.0	333	279	333
CONN	1.4	2.4	1.6	33	57	38
DEL	5.7	5.4	5.9	136	129	140
GA	1.3	1.3	1.0	31	31	24
IDAHO	35.6	22.0	34.0	848	524	810
ILL	4.0	4.0	4.0	95	95	95
IND	2.7	6.0	7.6	64	143	181
KANS	.1	.4	.2	2	10	5
KY	2.1	2.0	1.7	50	48	40
MD	7.5	7.0	10.0	179	167	238
MASS	1.9	1.6	1.5	45	38	36
MICH	24.0	26.0	40.0	571	619	952
MO	.8	.5	.5	19	12	12
N J	19.0	18.2	17.1	452	433	407
N MEX	7.5	7.5	9.5	179	179	226
N Y	104.0	104.0	115.0	2,476	2,476	2,738
N C	53.0	44.0	50.0	1,262	1,048	1,190
OHIO	20.0	13.0	30.0	476	310	714
OREG	2.0	2.0	2.2	48	48	52
PA	50.4	61.2	58.0	1,200	1,457	1,381
TENN	.4	.3	.2	10	7	5
UTAH	5.6	6.6	5.6	133	157	133
VA	14.8	13.6	24.7	352	324	588
WASH	34.6	37.1	40.5	824	883	964
W VA	27.0	22.0	28.0	643	524	667
U S	482.4	464.8	567.8	11,485	11,069	13,517

APPLES, COMMERCIAL CROP

CROP AND STATE	TOTAL PRODUCTION BY VARIETIES						
	POUNDS			42 LB. EQUIVALENT			
	1976	1977	1978	1976	1977	1978	
	MILLION UNITS			1,000 UNITS			
STAYMAN							
DEL	1.0	1.0	1.1	24	24	26	
GA	1.0	.7	1.0	24	17	24	
IND	1.2	3.3	4.1	29	79	98	
KANS	.2	.3	.3	5	7	7	
KY	2.1	1.5	1.8	50	36	43	
MD	10.0	11.0	12.0	238	262	286	
MICH	14.0	13.0	27.0	333	310	643	
N J	17.2	21.5	14.4	410	512	343	
N MEX	1.5	1.5	1.5	36	36	36	
N C	18.0	15.0	20.0	429	357	476	
OHIO	10.5	6.0	14.0	250	143	333	
PA	50.4	62.6	52.5	1,200	1,490	1,250	
S C	.6	.5	.4	14	12	10	
TENN	1.2	1.6	1.2	29	38	29	
VA	21.2	40.6	61.6	505	967	1,467	
W VA	21.0	19.0	25.0	500	452	595	
U S	171.1	199.1	237.9	4,076	4,742	5,666	
WINESAP							
CALIF	5.0	5.0	1.5	119	119	36	
COLO	2.3	3.1	2.0	55	74	48	
DEL	.1	.1	.2	2	2	5	
ILL	1.0	.0	.0	24	0	0	
IND	.9	3.0	1.8	21	71	43	
KANS	1.5	1.7	1.4	36	40	33	
KY	.4	.9	.6	10	21	14	
MD	2.0	3.0	3.0	48	71	71	
MO	2.0	1.7	1.9	48	40	45	
N C	3.0	2.0	2.0	71	48	48	
S C	.8	.7	.5	19	17	12	
TENN	.5	.3	.2	12	7	5	
UTAH	.8	.5	.4	19	12	10	
VA	10.6	15.1	26.1	252	360	621	
WASH	124.6	107.1	101.3	2,967	2,550	2,412	
W VA	2.0	3.0	4.0	48	71	95	
U S	157.5	147.2	146.9	3,751	3,503	3,498	
YELLOW NEWTOWN							
CALIF	115.0	110.0	85.0	2,738	2,619	2,024	
OREG	39.0	42.0	38.0	929	1,000	905	
U S	154.0	152.0	123.0	3,667	3,619	2,929	
YORK IMPERIAL							
DEL	.2	.2	.3	5	5	7	
KANS	.2	.3	.2	5	7	5	
MD	9.2	13.0	17.0	219	310	405	
PA	73.8	114.5	92.5	1,757	2,726	2,202	
VA	50.9	65.3	110.3	1,212	1,555	2,626	
W VA	59.0	67.0	79.0	1,405	1,595	1,881	
U S	193.3	260.3	299.3	4,603	6,198	7,126	

APPLES, COMMERCIAL CROP

CROP AND STATE	TOTAL PRODUCTION BY VARIETIES						
	POUNDS			42 LB. EQUIVALENT			
	1976	1977	1978	1976	1977	1978	
	MILLION UNITS			1,000 UNITS			
OTHER VARIETIES							
ARK	2.3	4.3	2.5	55	102	60	
CALIF	34.0	50.0	36.0	810	1,190	857	
COLO	2.7	1.0	.5	64	24	12	
CONN	7.5	5.9	7.0	179	140	167	
DEL	.7	.8	.8	17	19	19	
GA	1.8	2.0	3.0	43	48	71	
IDAHO	1.3	.9	1.0	31	21	24	
ILL	9.0	12.0	10.0	214	286	238	
IND	3.8	5.4	7.0	90	129	167	
IOWA	.7	.9	1.2	17	21	29	
KANS	1.6	1.8	1.7	38	43	40	
KY	1.6	3.5	1.9	38	83	45	
MAINE	4.5	5.7	5.4	107	136	129	
MD	3.5	4.0	4.0	83	95	95	
MASS	11.9	11.0	9.8	283	262	233	
MICH	56.0	63.0	95.0	1,333	1,500	2,262	
MINN	12.4	11.4	14.5	295	271	345	
MO	2.4	1.8	1.5	57	43	36	
N H	6.2	6.0	5.0	148	143	119	
N J	17.5	19.5	16.0	417	464	381	
N MEX	.6	1.0	.5	14	24	12	
N Y	153.0	142.0	158.0	3,643	3,381	3,762	
N C	16.0	14.0	13.0	381	333	310	
OHIO	13.0	4.0	16.0	310	95	381	
OREG	7.5	6.0	4.8	179	143	114	
PA	16.6	17.9	19.5	395	426	464	
R I	.6	.6	.8	14	14	19	
S C	.4	.5	.8	10	12	19	
TENN	.8	1.4	1.1	19	33	26	
UTAH	.4	.5	.4	10	12	10	
VT	1.6	1.7	1.6	38	40	38	
VA	7.0	7.8	13.5	167	186	321	
WASH	18.5	20.6	22.5	440	490	536	
W VA	23.0	15.0	18.0	548	357	429	
WIS	13.0	14.0	15.6	310	333	371	
U S	453.4	457.9	509.9	10,797	10,899	12,141	